

# Metathesis of 2b with Grela catalyst Compared to Hoveyda I catalyst

1) Grela - 0.4mol% added at beginning of reaction and  
0.2mol% added after 60 min  
Temperature: 80°C

2) Hoveyda I - 1 mol% added at beginning and  
after 60 min and 120 min  
Temperature: 80°C

sample drawing after min =	1) Grela Ha030709-01 2b peak area - %	2) Hoveyda I Ha030729-01 2b peak area - %
1	66.1	1.7
2	72.1	4.5
3	74.8	7.6
4	75.2	10.1
5	75.4	13.5
7	76.2	16.2
10	76.7	26.6
15	76.6	33.2
20	76.6	39.1
30	77.0	48.2
45	77.6	56.1
60	77.4	60.1
61	84.0	61.6
62	87.0	63.3
63	87.8	64.6
64	88.8	65.7
65	88.8	67
67	89.7	69.9
70	90.3	71.7
75	91.2	75.4
80	91.3	78.0
90	91.8	82.6
105	92.5	86.8
120	92.8	88.5
121		89.6
122		89.6
123		90.3
124		90.4
125		90.8
127		91.3
130		92.2
135		92.9
140		94.1
150		95
165		96.3
180		97.7